

FIG. 1b

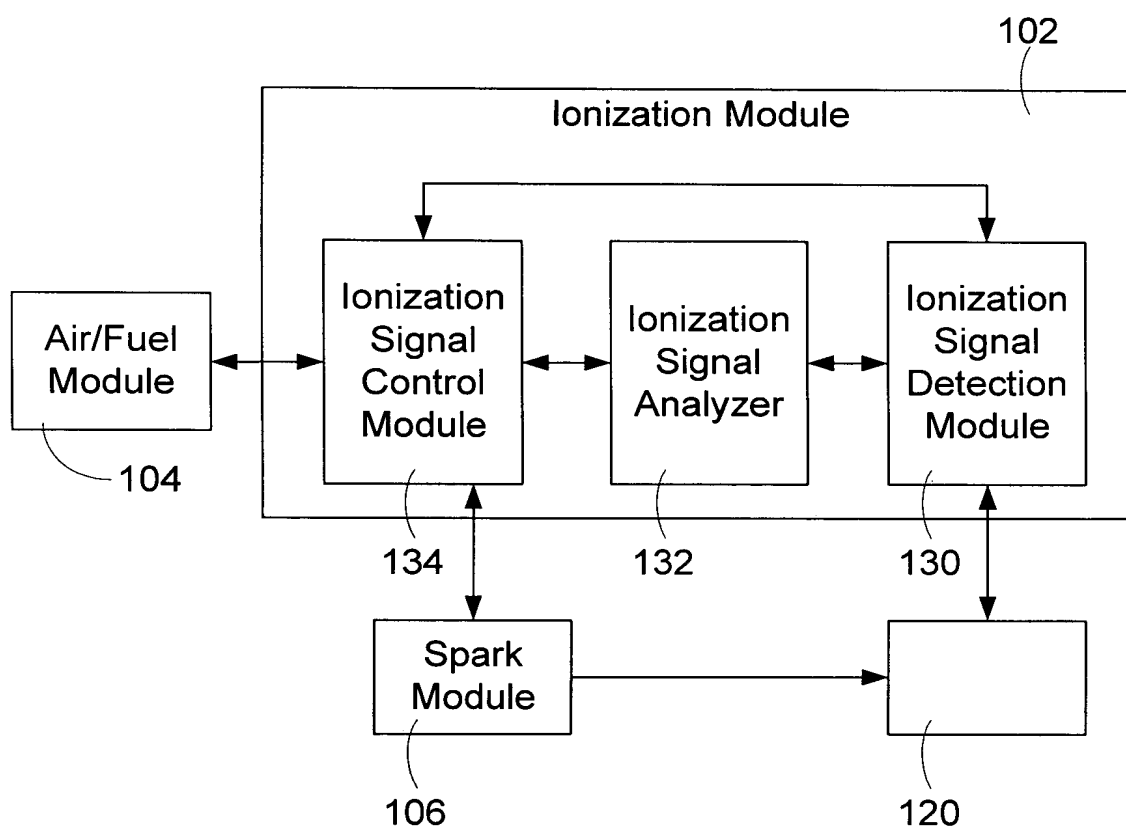


FIG. 2

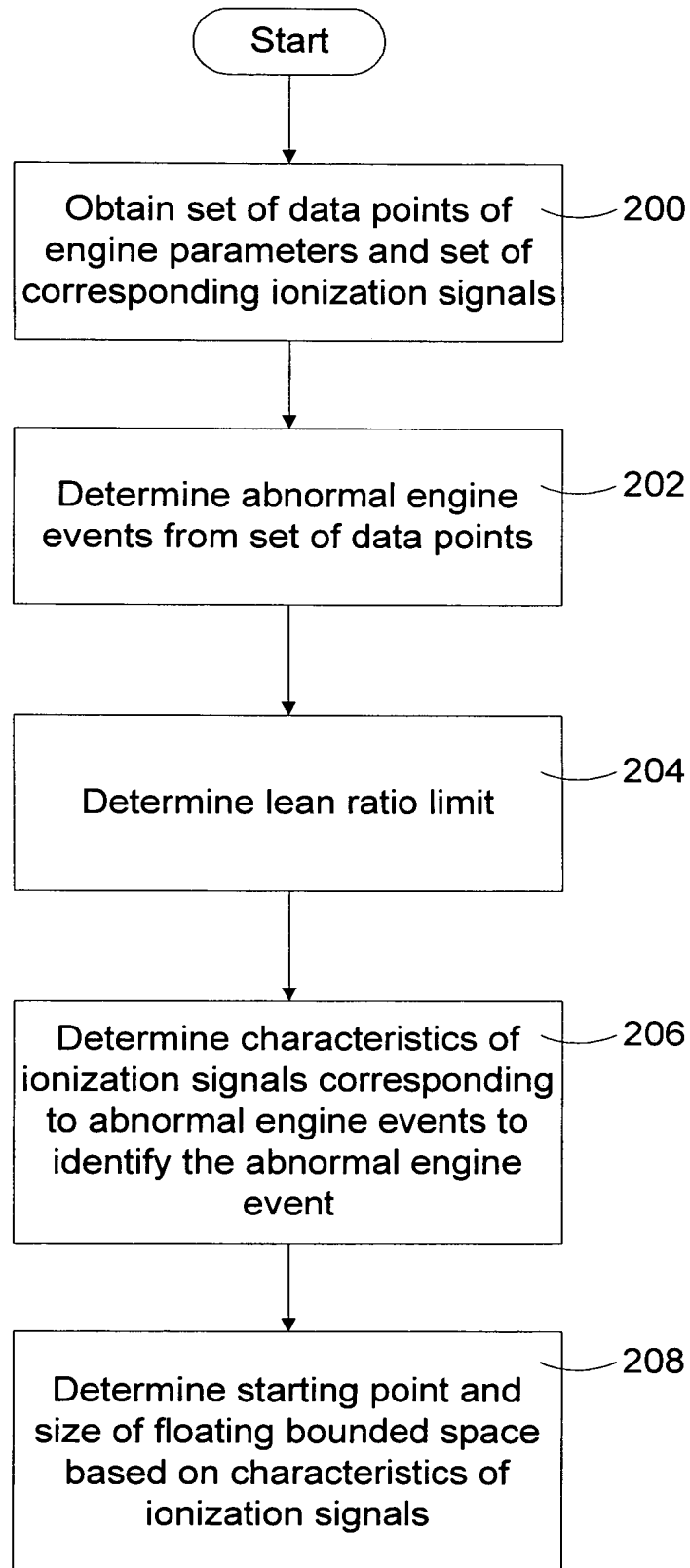


FIG. 3a

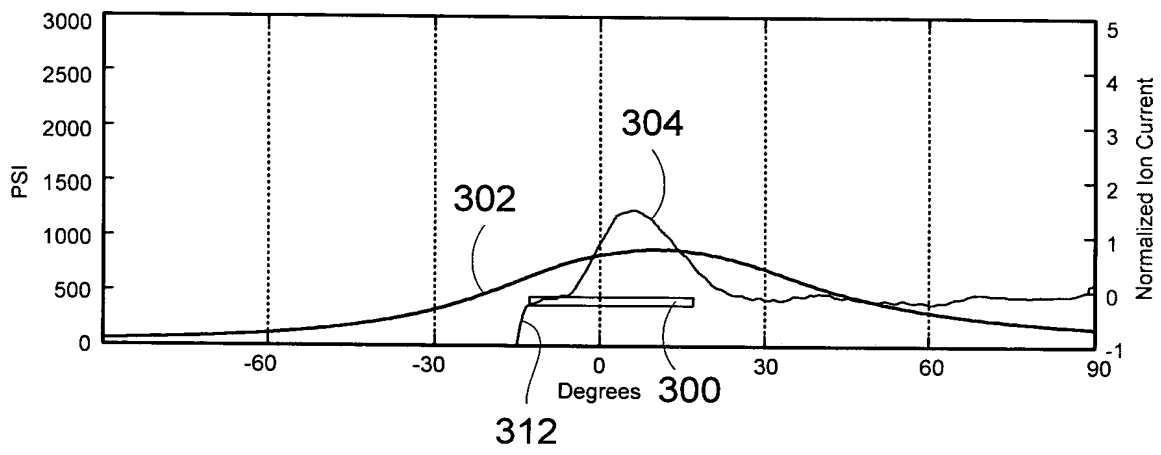


FIG. 3b

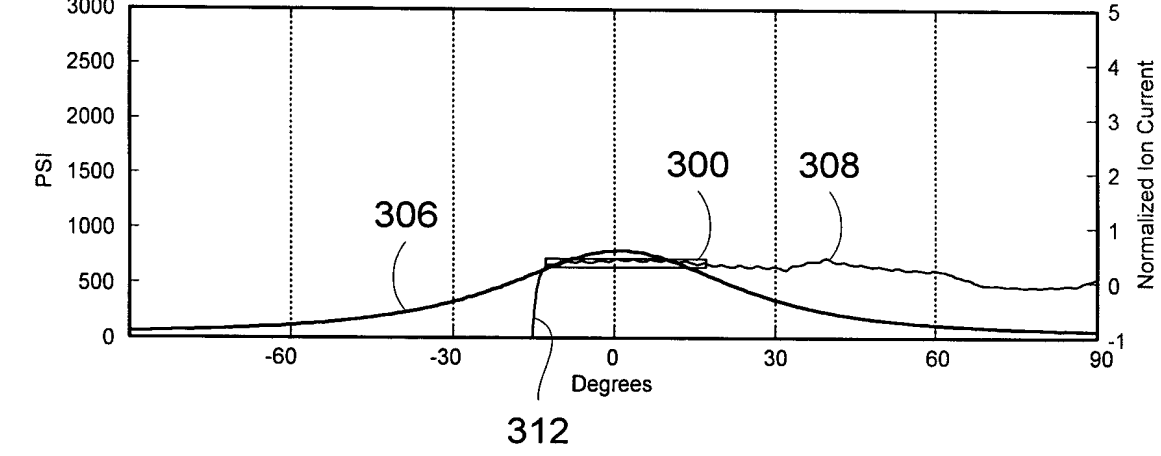


FIG. 3c

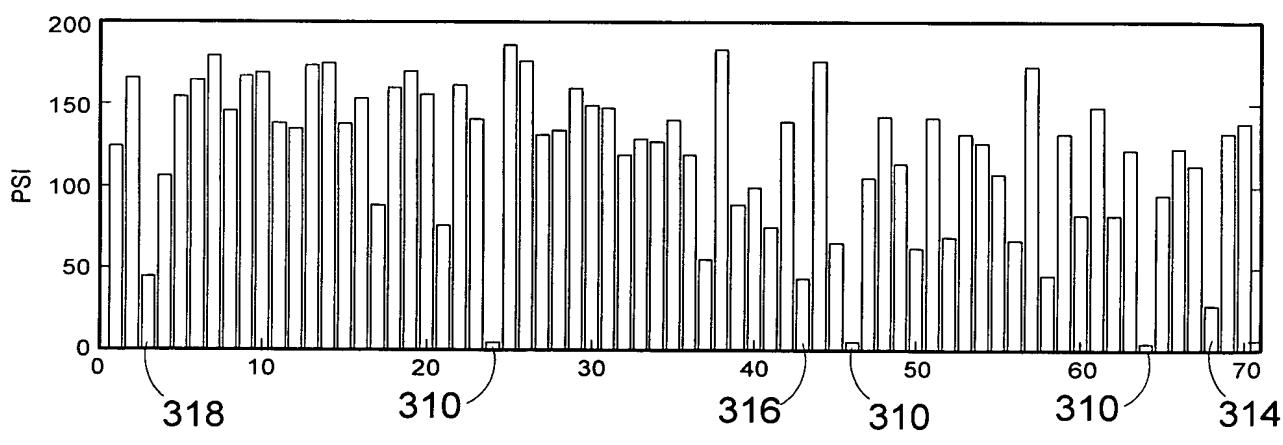


FIG. 4a

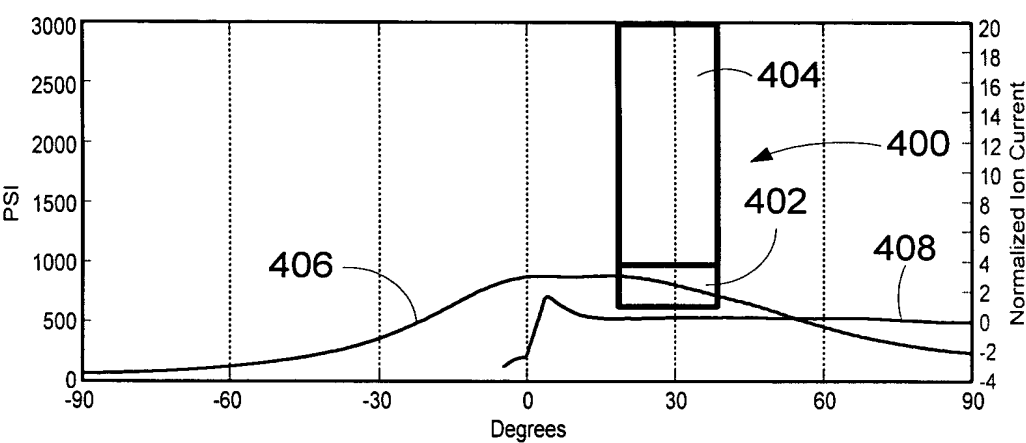


FIG. 4b

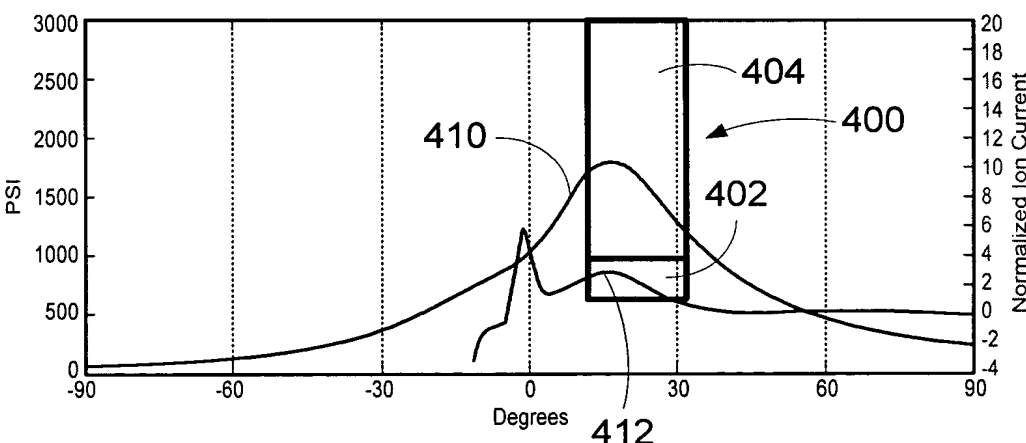


FIG. 4c

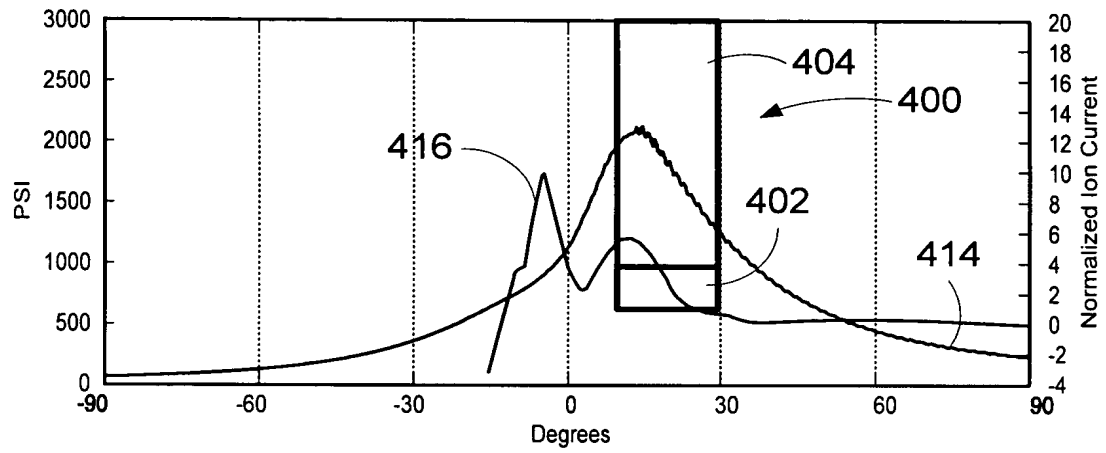


FIG. 4d

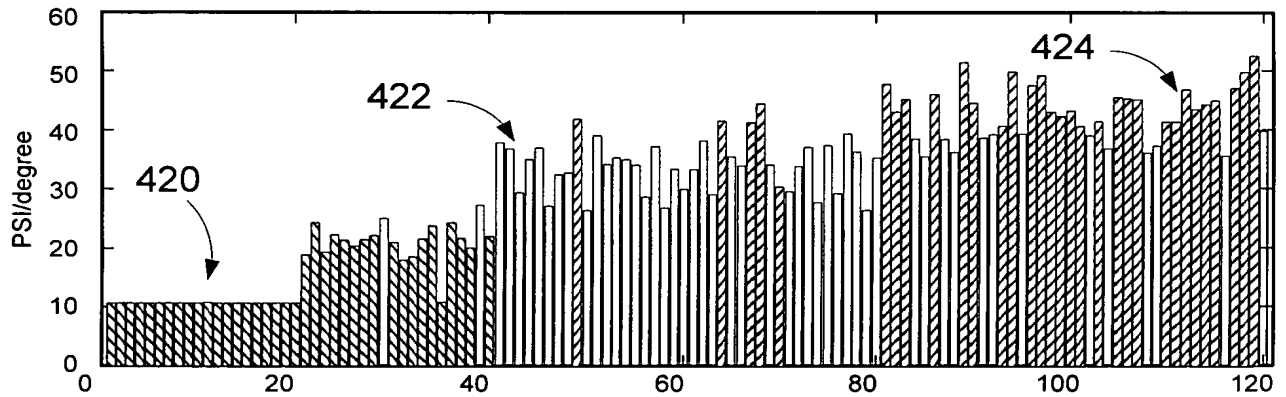


FIG. 5a

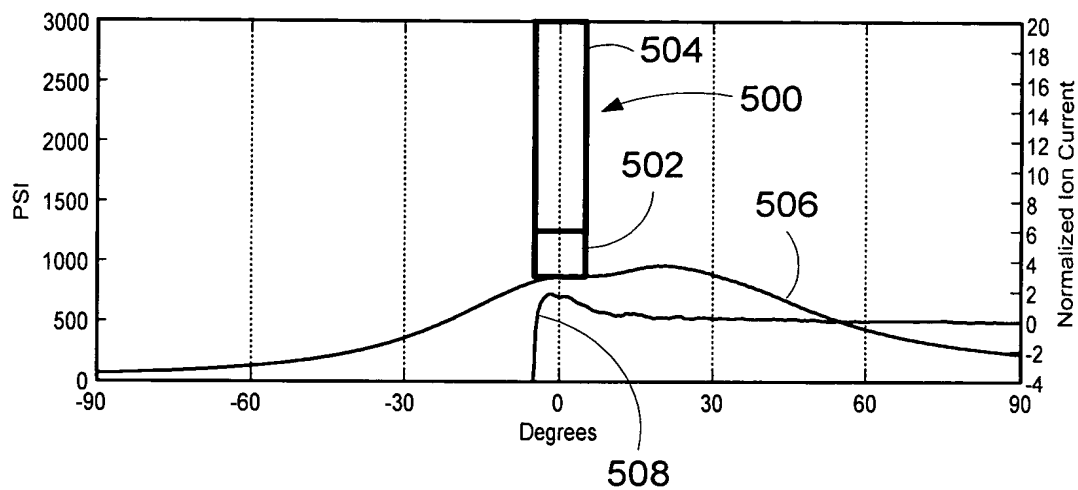


FIG. 5b

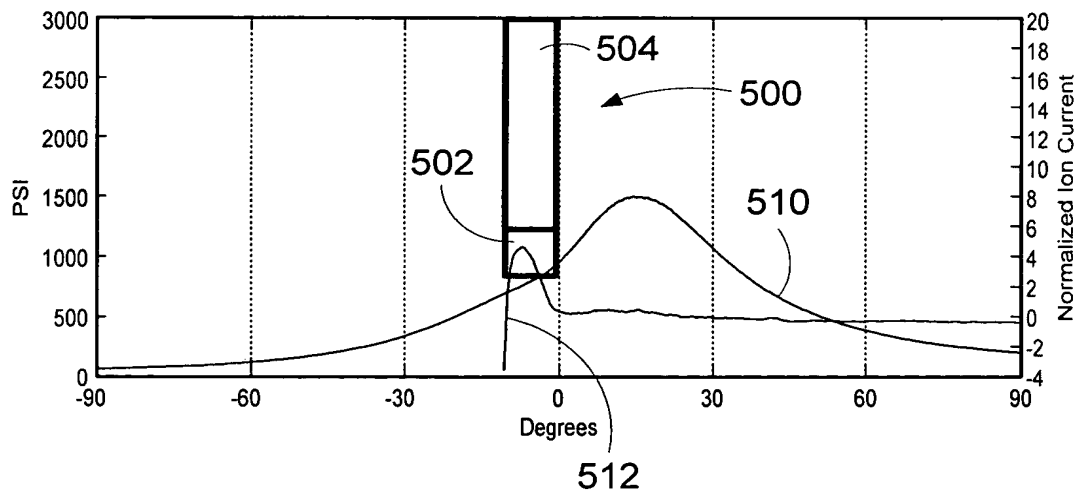


FIG. 5c

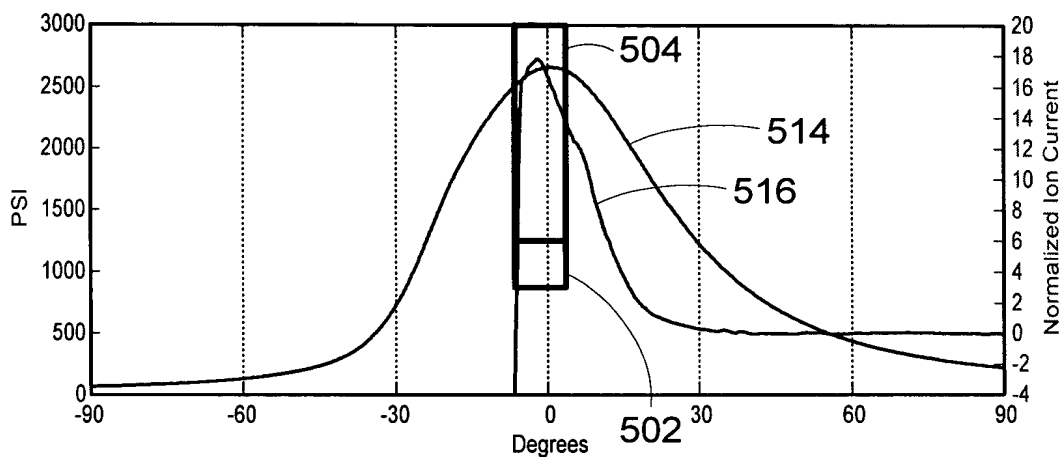


FIG. 5d

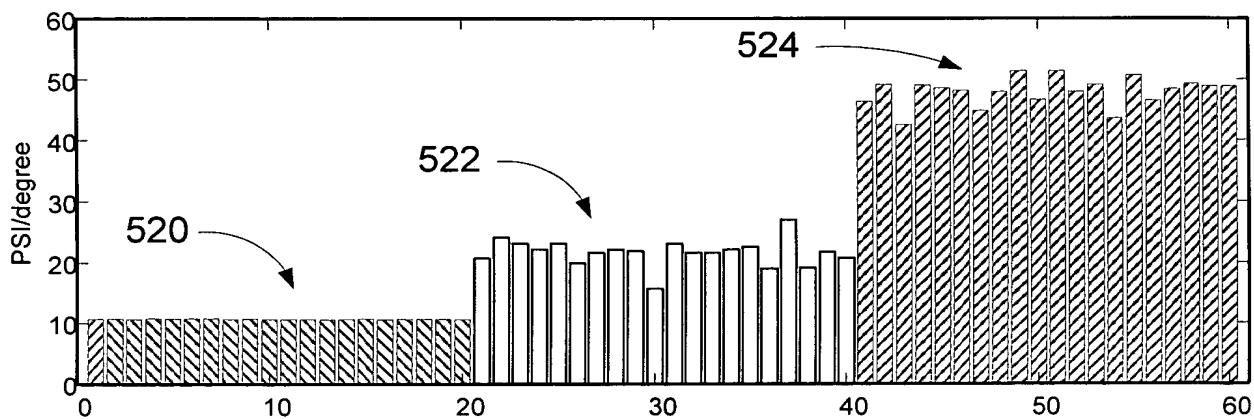


FIG. 6a

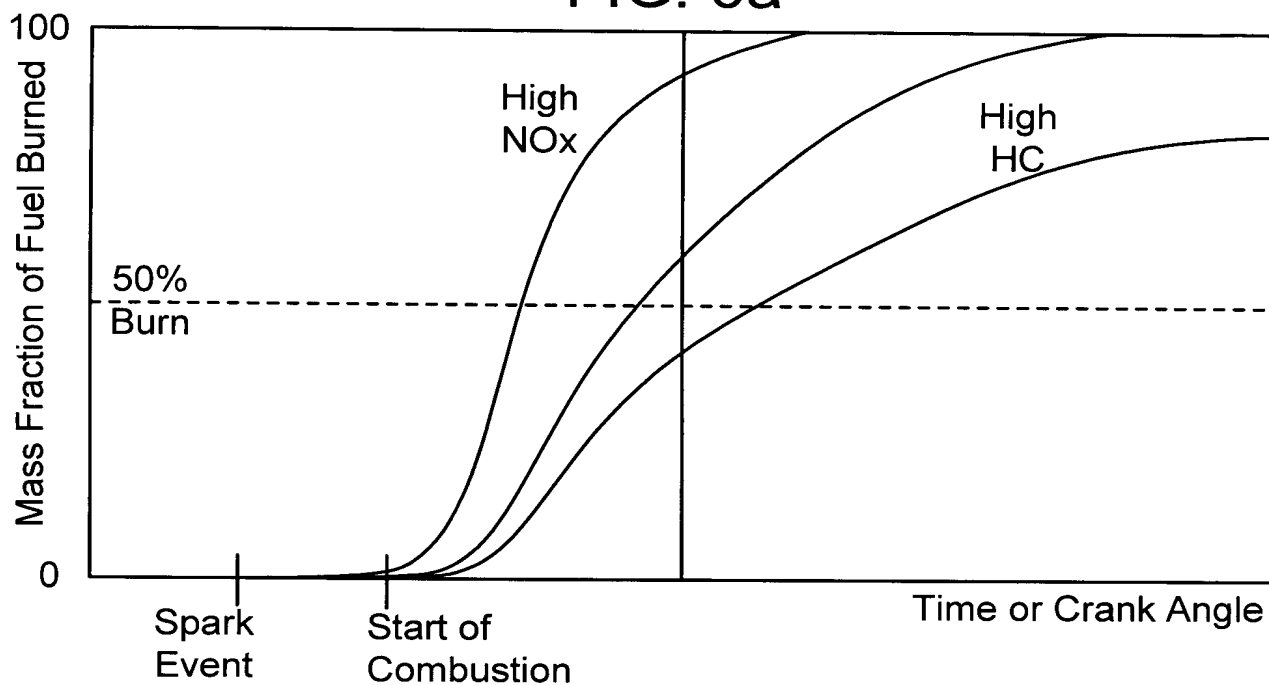


FIG. 6b

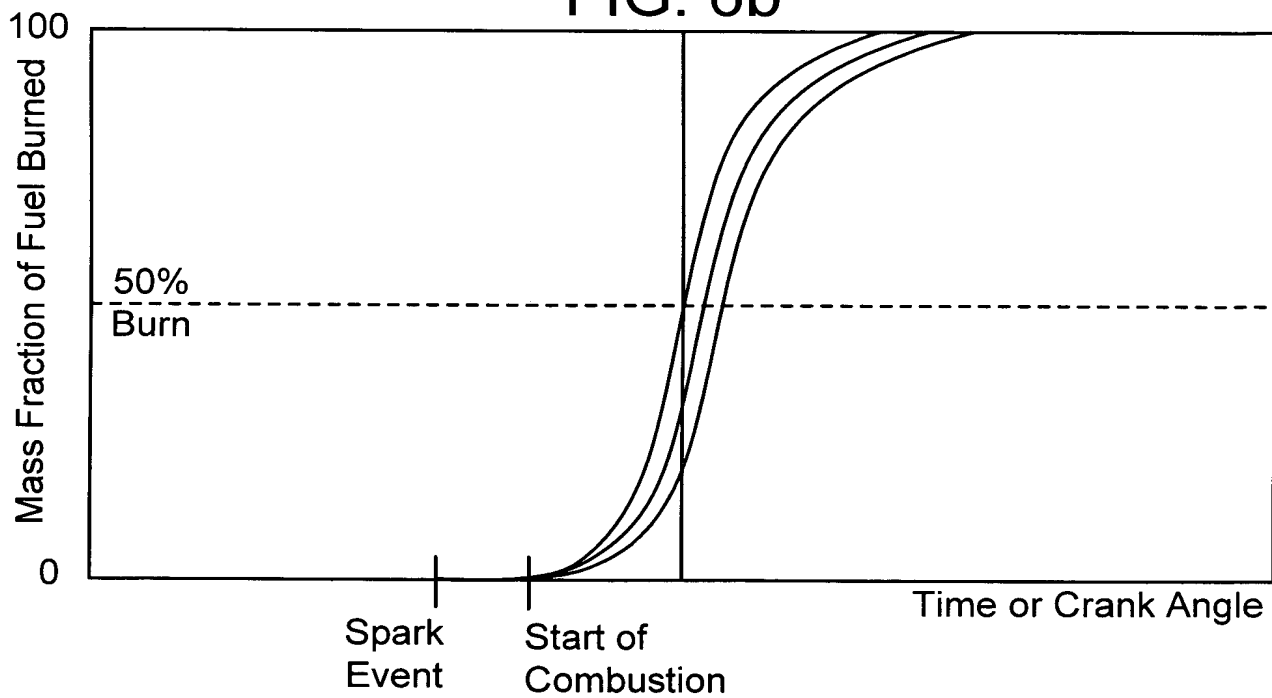


FIG. 7

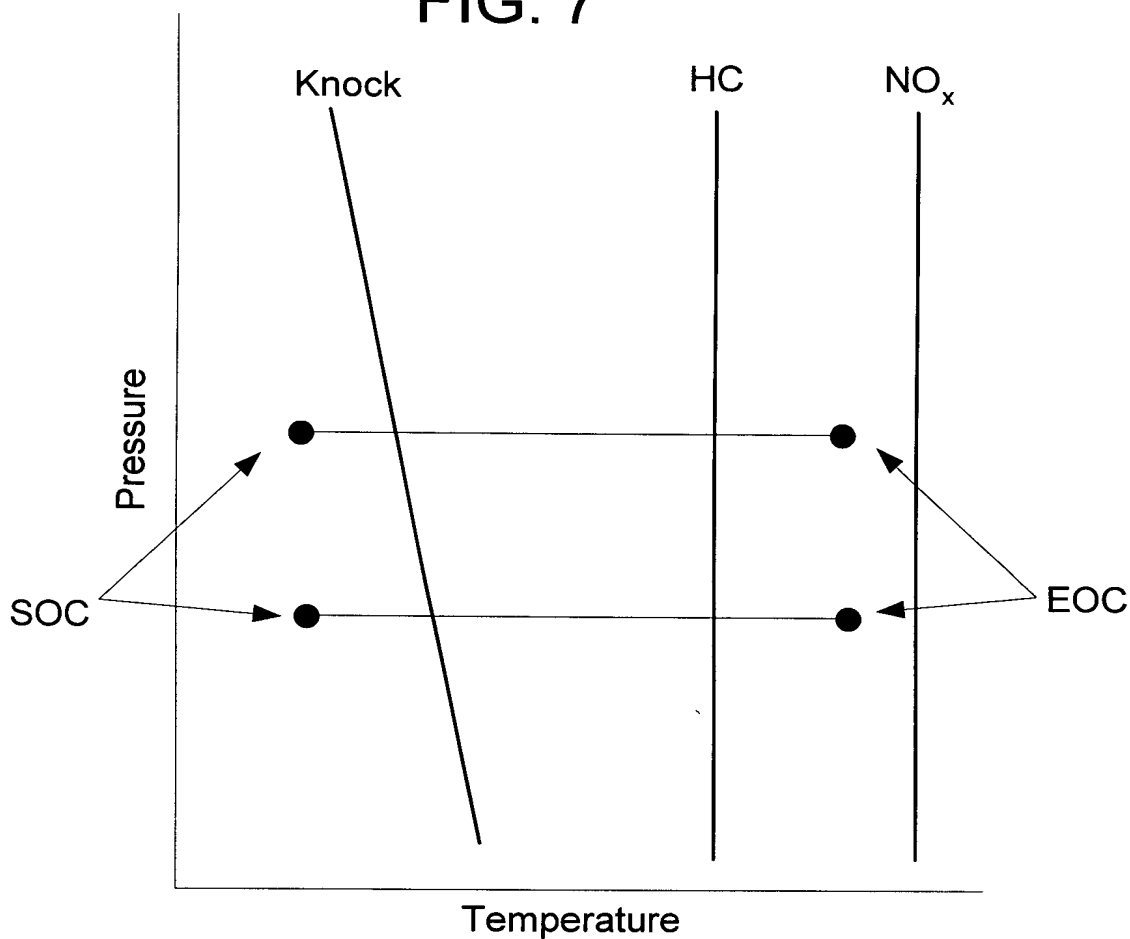


FIG. 8

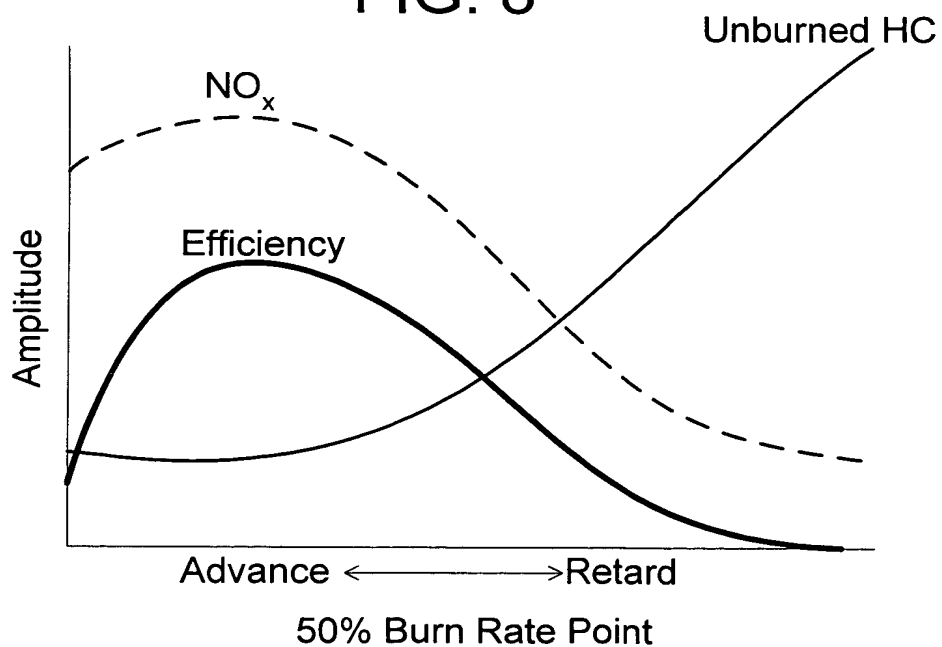


FIG. 9

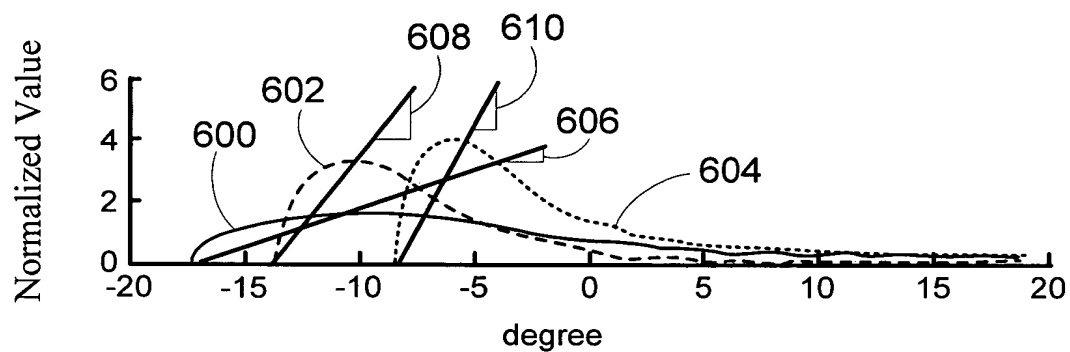


FIG. 10

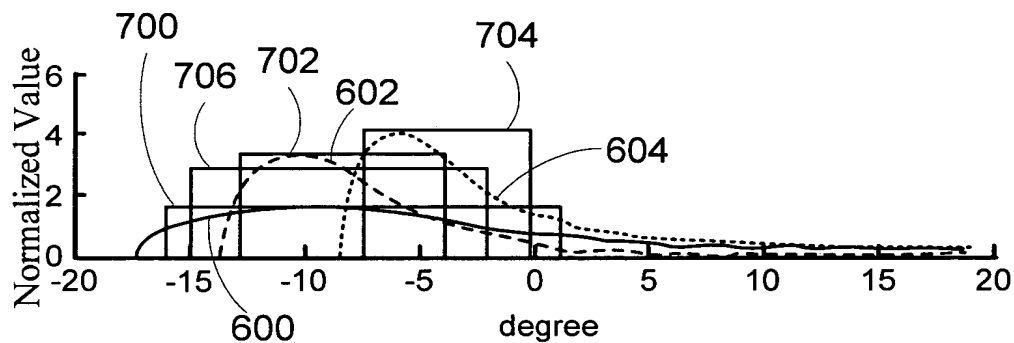
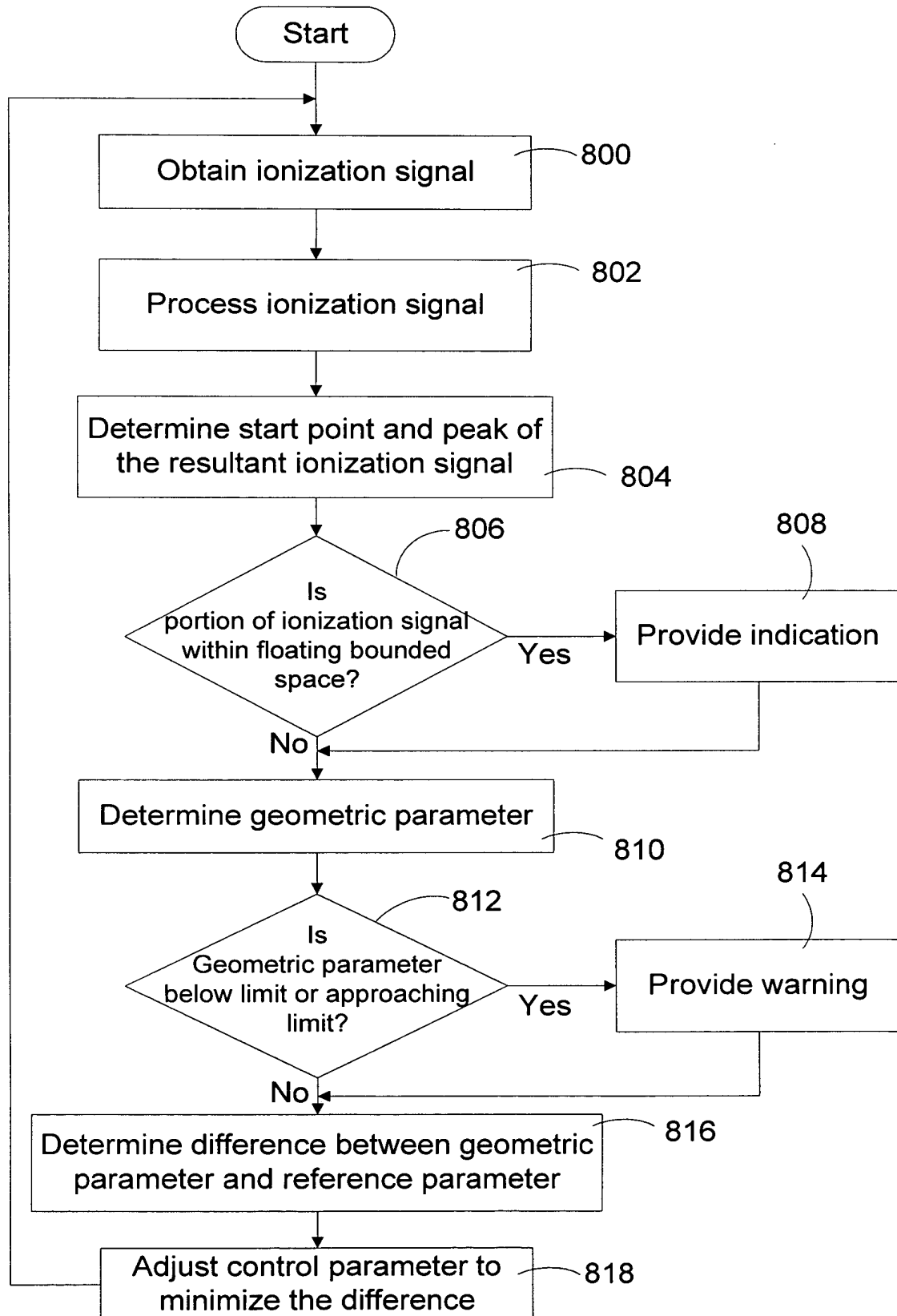


FIG. 11



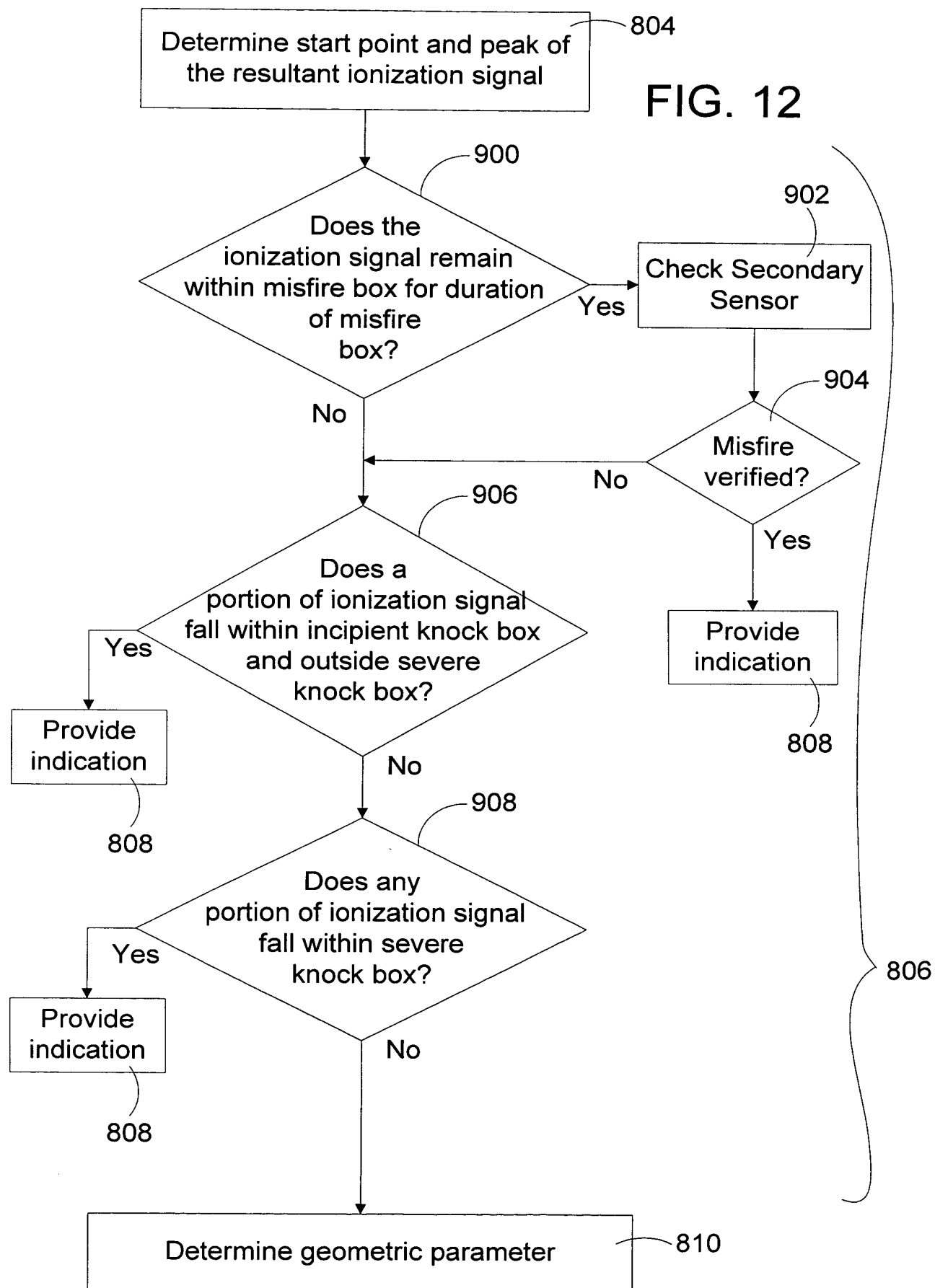


FIG. 13

This schematic diagram illustrates an internal combustion engine system, designated by reference numeral 100. The engine 100 is shown in a cross-sectional view, featuring a cylinder 110 with a piston 112 and a connecting rod 114. The piston 112 is connected to the crankshaft 108. The cylinder 110 is equipped with an intake valve 116 and an exhaust valve 118. The intake valve 116 is controlled by a camshaft 122. The exhaust valve 118 is controlled by a camshaft 124. The ionization module 102 is connected to the intake valve 116 via a line 104. The spark module 106 is connected to the spark plug 120. The secondary sensor 190 is connected to the exhaust manifold 118 via a line 192. The ionization module 102 is also connected to the spark module 106 via a line 106. The secondary sensor 190 is connected to the ionization module 102 via a line 194. The secondary sensor 190 is also connected to the spark module 106 via a line 196. The secondary sensor 190 is also connected to the intake manifold 116 via a line 198. The secondary sensor 190 is also connected to the exhaust manifold 118 via a line 198.

